

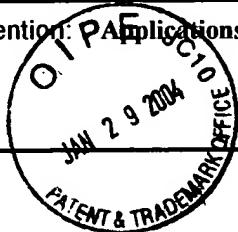
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1712

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)			
Applicant(s): Edward J. A. Pope and Kenneth M. Kratsch			
Serial No.		Filing Date	Examiner

 Serial No. 09/680,828 | Filing Date October 6, 2000 | Examiner Margaret G. Moore | Docket No. POPE#6(CIP) | Group Art Unit 1712 |

Invention: Applications of photocurable pre-ceramic polymers



I hereby certify that this amendment

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W. Edward Johansen

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A handwritten signature in black ink, appearing to read "Edward Johansen". It is written in a cursive, flowing style.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of :
EDWARD J. A. POPE and : Margaret G. Moore
KENNETH M. KRATSCH : Examiner
APPLICATIONS OF PHOTOCURABLE :
PRE-CERAMIC POLYMERS : Group Art Unit 1712
Serial No. 09/680,828 :
Filed: October 6, 2000 :

AMENDMENT

To the Commissioner of Patents and Trademarks:

In response to an office action mailed January 16, 2004
the applicants hereby correct their amendment as follow:

Listing of claims:

Claims 1 through 48 (canceled)

49. (currently amended) A process of forming a photo-curable
pre-ceramic polymer, poly(ethynyl)-carbosilane to silicon
carbide ceramic comprising the steps of:

a. reacting sodium acetylide with organo-chlorosilanes; and
b. condensing [(polymerizing)] the resultant organo-
(ethynyl)chlorosilane product of step a with an excess of an
alkali metal to form a silicon carbide ceramic.

50. (new) A process of forming a photo-curable pre-ceramic
polymer, poly(ethynyl)-carbosilane to silicon carbide
ceramic comprising the steps of:

a. reacting sodium acetylide with organo-chlorosilanes; and
b. polymerizing (condethe resultant organo-
(ethynyl)chlorosilane product of step a with an excess of